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Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II—SECTION 1

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 15th May 1948

Applications for Patents

TITLES HAVE BEEN ABRIDGED

The 29th May 1944

31014. May & Baker Limited. Production of therapeutically valuable quinoline derivatives. (1st March 1943).

The 5th September 1944

31399. Imperial Chemical Industries Limited. Gelatine detonating explosives. (17th November 1943).

The 27th March 1945

32272. Imperial Chemical Industries Limited. Liquid fuel containers.

The 17th April 1945

32404. Standard Telephones and Cables Limited. Electron discharge apparatus of the velocity modulation type. (19th February 1942).

From 29th April to 5th May 1948

39586. Ciba Limited. Octahydrophenanthrene-2-carboxylic acids and derivatives thereof. (30th April 1947).

39587. Standard Telephones and Cables Limited. Alternating current signalling systems. (30th April 1947).

39588. H. Martin and L. G. Slater. Stud welding. (1st May 1947).

39589. F. E. Rowles and W. W. Morgan. Pyrophoric lighters. (2nd May 1947).

39590. The General Electric Company Limited. Electric pulse-signalling systems. (30th April 1947).

39591. T. W. Nichols. Rotary compressors.

39592. N. V. De Bataafsche Petroleum Maatschappij. Hydrocarbon derivatives.

39593. N. V. De Bataafsche Petroleum Maatschappij. Extractive crystallization process.

39594. J. Guthrie. Construction of wall panels and building structures.

39595. E. K. Iyer Narayanan and K. S. Bhat. Fish liver oils containing vitamins A & D, liver extracts and protein hydrolysate nutriment.

39596. J. Stone & Company Limited. Humidity control. (30th April 1947).

39597. The Birmingham Small Arms Company Limited. Cycles and to electric generators for use therewith. (3rd May 1947).

39598. R. A. G. Macpherson, W. Lindsay and D. Dewar. Tea breaking machines and to the combination with said machines of sieving and sorting mechanisms.

39599. B. C. Day. Brakes for cycle rickshaws.

39600. United States Rubber Company. Crude rubber and the method of making same. (19th July 1939).

39601. United States Rubber Company. Purified rubber latex and process of preparing same. (28th November 1939).

39602. S. B. Godbole. Aerator bottle. (Self generating and aerating).

39603. E. A. Stienen. Valves.

39604. E. A. Stienen. Dyeing processes.

39605. Andrews-Alderfer Processing Company, Incorporated. Rubber thread. (5th December 1947).

39606. Philips Tutch Latch Co. Pressure releasable latching device.

39607. The Upjohn Company. Pyrrolidinoalkylphenothiazines.

39608. Standard Telephones and Cables Limited. Multiple switch, as is used in an automatic telephone exchange.

39609. Standard Telephones and Cables Limited. Electric discharge tubes. (5th June 1947).

39610. Gaumont-Kalee Seating Limited. Chairs or seats. (31st January 1947).
39611. Gaumont-Kalee Seating Limited. Chairs or seats. (31st January 1947).
39612. Gaumont-Kalee Seating Limited. Chairs or seats.
39613. Ciba Limited. Separating esters of octahydrophenanthrene carboxylic acids. (24th June 1947).
39614. Imperial Chemical Industries Limited. Dyestuffs. (5th May 1947).
39615. Imperial Chemical Industries Limited. Preservation of rubber latex. (5th May 1947).
39616. Imperial Chemical Industries Limited. Dyestuffs. (17th May 1947).
39617. Imperial Chemical Industries Limited. Substance for the textile treatment. (19th May 1947).
39618. Imperial Chemical Industries Limited. Substance for textile treatment. (19th May 1947).
39619. Imperial Chemical Industries Limited. Substances for textile treatment. (19th May 1947).
39620. Imperial Chemical Industries Limited. Dyestuffs. (21st May 1947).
39621. Imperial Chemical Industries Limited. Yarn tensioning device. (30th May 1947).
39622. S V Dikshitar and V Raman. Powrah (Mamooty).
39623. Laporte Chemicals Limited. Ammonium persulphate solutions. (12th May 1947).
39624. J. E. G. Eurich and J. V. Eurich. Electric motors and generators. (23rd November 1945). (Divisional date. November 23, 1945).
39625. Turners Asbestos Cement Company Limited. Reinforced asbestos cement or like sheets. (20th October 1947).
39626. The British Cotton Industry Research Association. Drving of material in sheet form. (14th April 1947).
39627. Davis & Metcalfe Limited. Air and steam brake apparatus for railway and like vehicles.
39628. S. K. Dhar. Metal sleepers.
39629. S. J. Everett. Fire metal tubing (5th May 1947).
39630. F. K. Knutsson-Hall. Igniting rod to be lighted and extinguished.
39631. Ronald Trist & Co Limited. Electrical circuits.
39632. Ciba Limited. Steroid-17-carboxylic acids (22nd May 1947).
39633. Shawinigan Resins Corporation. Polyvinyl acetate emulsions.
39634. The Harrison Knitting and Textile Machinery Company Limited and W. H. Kimpton Winding machines. (20th May 1947).

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of a patent on

any one of the applications referred to below, may at any time within four months of the date of this *Gazette of India* give notice at the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, and also on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charges which may be ascertained on application to the office.

The date shown in crescent brackets are the dates allowed under section 78-A of the Act.

28716. Barr & Stroud, Ltd. Improvements in or connected with the mounting of glass plates in frames or holders for use in optical or other instruments.

Forming the holder in one piece with opening for glass and being undercut along edges of opening.

28717. Barr & Stroud, Ltd. Improvements in or connected with sights for guns.

Reflector type having means for adjusting reflector screen relative to the structure on which sight is mounted.

28718. Barr & Stroud, Ltd. Improvements in or connected with sights for guns.

Lamp casing having a fixed part and a complementary attachable part.

28719. Barr & Stroud, Ltd. Improvements in or connected with lenses for optical purposes.

Compound lens having spherical curves for which difference in focus for colours C & F is 0.3 per cent. to 1.5 per cent. of focal length.

30106. J. H. O. Harries. Improvements relating to the construction and assembly of electron discharge tubes. (23rd September 1940).

Consisting in providing each of a number of electrodes with parts shaped to cooperate with one or more aligning members which do not form permanent parts but are supported from a platform, spacers and aligning members being subsequently withdrawn.

30600. W. H. Raven and W. H. Heron. Improvements in or relating to the manufacture of cartridge cases and the like. (17th November 1942).

Ferrous metal base and body parts separately performed with complementary fitting surfaces and securing the base and body parts by welding.

31008. The General Electric Company Limited. Improvements in electrical apparatus comprising a gas or vapour filled electric rectifier. (13th March 1942).
Ionisation produced in the neighbourhood of cathode by preliminary discharge, prior to application of voltage between cathode and auxiliary electrode for starting main discharge.
31701. The General Electric Company Limited. Improvements in quartz envelopes having electrical leads sealed through them. (3rd April 1942).
Electrode wrapped with foil and metal strips united to foil, with quartz core arranged in quartz tube and the tube collapsed.
31703. The M-O Valve Company Limited. Improvements in magnetrons. (9th April 1942).
Side of the slots extending from hole containing cathode closed by conducting discs.
32245. Chivers & Sons Limited, Horlicks Limited, T. Rendle, G. W. C. Severn, and R.L. Wickens. Improvements in and relating to the preparation in powdered form of milk-containing mashed potatoes. (24th March 1944).
Manufacture of milk containing mashed potatoes from cooked mashed potatoes and milk.
32494. Therapeutic Research Corporation of Great Britain Limited. Improvements in or relating to the preparation of oxazolone compounds. (11th April 1944).
Treating 4-methylone-5-oxazolone in which the methylene group is substituted to form a methylene ether or amino methylene radical with hydrogen sulphide or a mercaptan.
34190. Power Jets (Research and Development) Ltd. Improvements relating to burners for liquid or gaseous fuels. (15th April 1944).
Fluid fuel burner having means for delivering air supply into the centre of the fuel jet or spray.
34687. Siemens Electric Lamps and Supplies Limited. Improvements relating to fluorescent materials and their use. (18th April 1945).
Fluorescent material consisting of calcium, phosphorous, oxygen, fluorine and chlorine.
34710. Power Jets (Research & Development) Limited. Improvements relating to metal bodies for example turbine rotor rims.
Mouth of transverse slot extending from rotor surface has closure means to accommodate expansion by deformation due to mechanical stress.
34788. Westinghouse Brake & Signal Company Limited. Improvements relating to apparatus for electro-deposition.
Normal plating voltage automatically cut off at the end of plating operation and polarising voltage applied to electrodes.
34930. The Union Totalisator Company Limited. Improvements in or relating to ticket printing and issuing machines.
A solenoid actuates the ticket printing, issuing, and guillotining mechanism.
34940. A. K. Ghosh. Improvements relating to rotary printing Machine.
A rotary printing machine for printing reels and sheets equipped with gripper wheels, a sliding feeding platform and a knocker for the latter, deriving its action from an L shaped lever regulated by the motion of the said platform.
34984. Gulf Research & Development Company. Method and Apparatus for Measuring the Values of Magnetic Fields.
Magnetometric detector automatically maintained in predetermined directional orientation to the direction of total magnetic field.
34985. Gulf Research & Development Company. Method and apparatus for measuring magnetic fields.
Magnetometer stabilised and maintained in fixed orientation by gyro approximate; two servo mechanisms actuated by electro magnetic magnetometers in response orientation error, cause gyro to process more exactly.
34986. Gulf Research & Development Company. Apparatus for magnetometric surveying.
Directionally stabilized magnetic intensity measuring and indicating device correlated with position indicating and recording devices mounted on movable conveyance.
35122. Standard Telephones and Cables Limited. Radio Impulse System.
A system for generating in response to a synchronising impulse a series of pulses of a predetermined spacing and amplitude.
35140. General American Transportation Corporation. Filtration method and apparatus.
Filtrate path lengthened by piling up fibrous elements in direction of flow; solid particles separated through passage in fibrous elements.
35143. Western Electric Company, Incorporated. Improvements in Electron Discharge Apparatus. (27th November 1941).
Stream of electrons from projected across resonant cavity in gap between two electrodes undergoes velocity modulation, is reflected back and travels in reverse direction to deliver energy to the cavity in proper phase.

35174. Mrs. Sarala Misra. Improvements in or relating to printing or typing in Devnagri or like script.

"Kana" bearing letters are divided into three groups each having a common integrator.

35208. Reid and Sigrist Limited. Improvements in apparatus for testing the balance of rotating bodies. (11th July 1945).

Alternating current, produced by a beam of light controlled by rotating body determines position of out of balance forces.

35265. A. C. La Riviere. Improvements in or relating to grinding machines.

Material fed through inlet directed onto downwardly and inwardly inclined baffle plate and guided on to horizontal plate.

35287. W. B. Lodge and G. A. Corden. Improvements in or relating to mechanical handling plants for unloading or discharging of coal or other minerals at mine shafts.

Power operated rams eject empty car from tippler into mine cage and push loaded car from cage to another tippler.

35334. The General Electric Company Limited. Improvements in or relating to glass to metal seals. (13th August 1945). (Addition to No. 35267).

Applying metal surface an enamel slip consisting suspension of powdered glass in liquid, heating to cause coating adhere to metal and sealing enamelled surface to main glass part.

35371. Toledo Scale Company. Improvements in counting mechanisms.

Frame carrying gear train driving high indicia drum oscillated by a sloping face or a cam synchronously moving with low indicia drum to cancel motion transmitted. cam has another face for moving frame in opposite direction.

35409. W. Porterfield, L. J., Marson and The Main Engineering Company Limited. Improvements in automatic lathes or screw machines.

Camshaft rotatably supported by headstock rotates cams to move tool carrying means to effect machining.

35503. Electric & Musical Industries Limited. Improvements in or relating to methods of making electrically conducting patterns such as wiring circuits, coils and the like. (23rd August 1945).

Pattern of conductors formed by dissolving a part of metal secured to an insulating surface.

35519. W. T. Henley's Telegraph Works Company Limited. Improvements in machines for stranding wires. (31st August 1945).

Each wire passes over an insulated contact connected to an external

electric circuit and a control device stops the machine when the wire breaks and leaves its insulated contact.

35560. Metropolitan-Vickers Electrical Company Limited. Improvements in or relating to quick-motion mechanisms normally operated by stored energy, for example for on-load tap changing of electric transformers and the like.

Combination of mechanism having means whereby stored energy effects rapid movement and mechanism to effect such movement positively.

35598. The Maudslayi Motor Company Limited, O. D. Smith, S. Sperling and J. R. Hamilton. Improvements in or relating to locking and actuating means for synchro-mesh gearing. (29th January 1946).

Roller on locking member works in a slot in baulk ring; slot in forms of two opposite pairs of part-circular recesses, of same radius as roller, connected by reversely curved surfaces.

35612. The General Electric Company Limited. Improvements in and relating to electron multipliers.

At least one secondary cathode forms part of or is electrically connected to a metal plate sealed through the envelope.

35613. Lederle Laboratories, Inc. Improvements in or relating to the recovery of penicillin from aqueous solutions thereof. (17th September 1945).

Adjusting the hydrogen ion concentration of the aqueous solution to 2.8 to 3.5 and bringing the acidified solution into contact with an organic solvent.

35618. C. C. Price, R. M. Roberts and H. F. Herbrandson. Improvements in or relating to preparation of nuclear substituted quinoline compounds.

Cyclizing a compound selected from the group consisting of substituted acrylates and the corresponding isomeric anils.

35656. A. Wilkinson. Improvements in or relating to work benches. (5th September 1945).

Vertical portion mounted against wall, table portion hingedly mounted which can be adjacent vertical portion while out of service to form cabinet of tools.

35728. Societe Alsacienne De Constructions Mecaniques. Drawing mechanism for textile fibres.

Sliver feed contrivance, a sliver guide, a drawing roller set and means for imparting a zigzag course to the sliver for balancing.

35781. J. E. Kennedy. Improvements in and relating to the manufacture of cement.

Comprising a belt conveyor system, a crane-way, a crane operating on the crane way for handling solid materials by means of a clam shell.

35842. T. Hindmarch. Improvements in transmission gears. (9th October 1945).

Output shaft driven by input shaft through each of a number intermediate shafts associated with clutches.

35866. Standard Telephones and Cables Limited. Radio air navigation system.

Comprises a transmitter plurality of repeaters and reradiators.

35907. Electric & Musical Industries Limited. Improvements in or relating to the production of annular beams of electrons. (25th June 1943).

Electrodes arranged internally and externally of the generated beam and maintained at potentials to produce inwardly directed field.

35924. Tecalemit Limited. Improved apparatus for supplying lubricant to the spindles of a moving chain conveyor. (19th October 1945).

Grease guns on auxiliary conveyor driven by main conveyor, moved towards latter into operative position to cause lubricant tight contact with spindles of main conveyor.

35982. Westinghouse Brake & Signal Company Limited. Improvements relating to voltage regulating apparatus for alternating current circuits. (26th October 1945).

Impedance of compensating circuit in series with voltage regulating apparatus varies with frequency variation through same range but opposite to variation of voltage.

35983. The General Electric Company Limited. Improvements in or relating to fans. (29th October 1945).

Control means for fan arranged periodically at short intervals, reduces and then increases power supplied to blade.

35997. Standard Telephones and Cables Limited. High voltage cable.

Layer of semi-conducting material forms equal potential surface between inner and outer conductors.

36001. Structural & Mechanical Development Engineers Limited. Improvements relating to structural panels.

Composite panel in a supporting frame comprising an outer layer of heavy concrete and a body layer of lighter cementitious material.

36008. N. V. Appleton. Improvements in and relating to adjustable louver shutters. (12th November 1945).

In louver shutter assemblies having louver clips secured to diaphragm

journally carried in channel side supporting members, flanges are provided coaxial with the bearings and on the insides of the said supporting members.

36040. The British United Shoe Machinery Company Limited. Improvements in or relating to machines for performing lasting or analogous operations upon shoe parts.

A machine performing lasting operation on shoe parts has gripper jaws on which shoe is placed and an adhesive supplied to fulfil condition for lasting.

36075. J. E. Meyn. Improvements in or relating to an impregnating and/or bonding composition, and method of making shoe wedges with the use of said composition.

Heat hardening solvent in organic solvent having 16—25 surface tension per square centimetre.

36082. Creed and Company Limited. Improvements in or relating to printing telegraph receivers. (23rd October 1945).

Comprises storage members, and means for traversing and setting successive storage members according to armature position.

36094. D. M. Smith. Improved windows for buildings.

Fixed glazed window, hinged grating, shutter forming air space, hinged damper, detachable panel and drain pipe.

36099. Metropolitan-Vickers Electrical Company Limited. Improvements relating to multi-stage turbines and compressors. (20th November 1945).

Rotor discs formed with integral projections secured to annular members by pins; adjacent annular members attached together by welding.

36111. The General Electric Company Limited. Improvements in two-terminal electric oscillatory circuits and measuring instruments having adjustable dynamic resistance. (13th August 1945).

Parallel resonant circuit has resistance between tapplings on reactances in two branches part of one reactance variable for adjusting dynamic resistance.

36112. The General Electric Company Limited. Improvements in electric oscillatory circuits and dynamic-resistance measuring instruments comprising active networks. (6th September 1945).

Two grid controlled valves coupled through impedance and phase reversing transformer; load impedance in anode circuit of one valve; ratio of impedance independent of frequency.

36114. Ferranti Limited. Improvements in or relating to the measurement or variation of physical states of materials. (25th October 1945).
Material to be tested passed between condenser plates of a tuned circuit which with another tuned standard circuit produces a voltage indicating physical state.
36144. Armstrong Siddeley Motors Limited. Compound internal-combustion turbine plant. (3rd September 1942).
Work taken out between adjacent "compound sections"; pressure at compressor section end equal to that at beginning of associated turbine section.
36158. American Cyanamid Company. Improvements relating to the preparation of substituted pyridines. (15th December 1945). (Addition to No. 29544).
Mixing together 2-halo-3, 4-dicyano-5-nitro-6-methyl pyridine, a mineral acid and a palladium catalyst in presence of hydrogen.
36311. The M. O. Valve Company Limited. Improvements in and relating to gas and/or vapour containing discharge devices. (30th November 1945).
Sealed discharge space obstructed with insulating material in the form of shots.
36358. International General Electric Company of New York, Limited. Improvements in and relating to starting switches in discharge lamps.
Electromagnetic switch with coil in series with slow discharge device interrupt circuit on current passing through lamp.
36389. J. Picanol. Driving device of warp frames for weaving looms.
Each frame is driven by a lever which bears two rollers resting on a distinct eccentric of appropriated profile.
36399. Alloy Research Corporation. Production of stainless steel.
Stainless steel from chrome ore, steel scraps, metallic oxides, ferrosilicon.
36404. Etablissement Public dit: Centre National de la Recherche Scientifique. Improvements in and relating to electrostatic machines.
Auxiliary producers exert electric influence on conveyor members while latter are connected with collector.
36417. General Aniline & Film Corporation. Improvements in or relating to disazo dyestuffs.
Condensing phosgene with two mols of an amino monazo dyestuff.
36420. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to electric discharge tubes.
Metal exhaust tube formed as a centreing member with a location lug.
36464. Imperial Chemical Industries Limited. Manufacture of new anthraquinone dyestuffs. (1st January 1946).
Treating 1:4-dibenzoylamino anthraquinone in the presence of cuprous oxide and a tertiary base with copper, and with sulphur trioxide.
36495. Merz Engineering Company. Improvements in and relating to devices for measuring workpieces by means of an elastic fluid medium.
A method and device for measuring workpieces by means of an elastic fluid medium.
36523. Imperial Chemical Industries Limited. Improvements in or relating to the production of films, filaments, fibres and like shaped articles from solutions. (7th January 1946).
Treating with alkali metal sulphate or ammonium sulphate acidified to a pH less than 0.5 with H_2SO_4 and containing for-maldehyde.
36588. Standard Telephones and Cables Limited. Electric pulse shape discriminator.
A barrier plate is provided with an aperture of the desired shape.
36590. Standard Telephones and Cables Limited. Electric Wave amplifiers.
Portion of amplifier output fed to two control electrodes of vacuum tube and output from vacuum tube fed into said amplifier.
36591. Standard Telephones and Cables Limited. Improvements in or relating to electric condensers. (31st July 1945).
Concentric metallic tubes form electrodes; annular spaces filled with liquid dielectric.
36593. Standard Telephones and Cables Limited. Improvements in or relating to electrical comparators for use for instance in remote supervisory systems. (5th February 1946).
Means for evaluating a comparison as a percentage and means adapted to indicate comparison greater than as well as less than 100 per cent.
36594. Creed and Company Limited. Tape controlled radio telegraph transmission systems.
Coded tape optically scanned to generate interrupted carrier frequency for keying a radio transmitter.
36618. E. C. D., Limited. Improvements in electrolytic cells.
Two or more transverse sections with gaskets on vertical faces secured endwise by bolts, electrodes of same thickness inserted between sections with faces flush.
36645. Hopkinsons Limited. Improvements relating to safety valves. (6th February 1946).
Safety valve loaded through bars torsionally stressed to apply desired load to the valve.

36651. Imperial Chemical Industries Limited. Improvements in or relating to the production of viscous aqueous solutions of vegetable globulins. (30th January 1946).
Comprising incorporating into a plastic mass of about 60 per cent. peanut globulin content, an alkali metal salt of an inorganic acid to such quantity as to produce a solution of sufficient concentration to dissolve the vegetable globulin.
36652. Imperial Chemical Industries Limited. Improvements in or relating to Aryl-Dicyandiamides. (30th January 1946).
Bringing cyanocyanamide into reaction with an amine.
36653. High-Pressure Components Limited. Improvement in pipe couplings (25th January 1945).
Externally screw-threaded body with tapering end, internally threaded sleeve nut and truncated cone collet.
36671. Westinghouse Brake & Signal Company Limited. Improvements in or relating to alternating current track circuits for railway signalling systems. (1st March 1946)
Alternating current reference voltage from local supply fed into rectifier network interposed between alternating current supply from track and direct current relay.
- 36886 The M-O Valve Company Limited. Improvements in and relating to electric discharge devices. (25th February 1946).
Sole plate and/or spigot moulded to shrink directly on the glass base and sealed-off exhaust tube.
36696. Dunlop Rubber Company Limited. Improvements in and relating to apparatus for and methods of building tyre covers. (5th March 1946).
Assembling the component on a drum former, expanding the surface of the form and consolidating each component in turn to already in position on the said former before succeeding component is assembled thereon.
36708. Imperial Chemical Industries Limited. Manufacture of caustic soda by causticisation of sodium carbonate with lime.
Reacting Na_2CO_3 with lime and returning sufficient NaOH to give 1.5 to 2.5 moles of NaOH per mole of Na_2CO_3 in the liquids when mixed.
36758. Imperial Chemical Industries Limited. Improvements in or relating to fumigation and fumigating compositions. (11th February 1946).
Consists of a non-hygroscopic mixture comprising a thermally vaporisable pesticidal compound and ammonium bichromate.
36822. Ciba Limited. Preparations containing alkali sulphides useful in connection with dyeing and printing textile fibres.
Drying alkali sulphide and a starch or a water-soluble or alkali-soluble cellulose ether in the presence of water.
36828. Houdry Process Corporation. Improvements in process of hydrocarbon conversion.
Cracking hydrocarbons in presence of clay catalysts from which a portion of isomorphous iron has been removed by treatment with chemically reactive gas at elevated temperature.
- 36848 Standard Telephones and Cables Limited. Improvements relating to spools and coil for electrical devices (10th April 1946).
Plurality of spools connected together by flexible member joining one cheek to adjacent cheek.
36859. Western Electric Company, Incorporated. Directional Microwave Antennas. (14th June 1945).
Dielectric chamber has pair of spaced rectangular apertures, the longer transverse dimensions of each apertures being greater than transverse dimension of the guide.
- 36861 Western Electric Company, Incorporated. Thermionic valve amplifiers. (28th November 1941).
High tension voltage and degenerative feedback are applied over common circuit to an electrode of a valve proceeding output valve from a variable tapping point on a potentiometer connected across output load.
36899. S. F. Hussain. An epicyclic gearing.
The gearing comprises two drive shafts driven at different speeds and through the medium of intermediate fixedly and loosely mounted gear wheels drive the load shaft.
36902. Vickers-Armstrongs Limited. Improvements in or relating to profiling machines. (18th March 1946).
A machine having two cutter frames independent of each other, each oscillatably associated with the machine and each adapted to hold a rotary cutter and two tracing guide members.
36915. Western Electric Company, Incorporated. Transmitting and Receiving Circuits for Wave Transmission systems. (30th March 1946). (Addition to No. 36706).
Addition to patent No. 36706 comprises a transmission line connecting transmitter to transmitting device.
36959. Standard Telephones and Cables Limited. Improvements in or relating to multiplex electric communication systems. (16th April 1946).
Intelligencies conveyed by a train of electric pulses so timed that the time interval between any signal bearing pulse and the preceding pulse in the train depends only on the instantaneous signal magnitude.

37002. Standard Telephones and Cables Limited. Electric Pulse communication system.

One of the signal modulated channel pulse trains comprises interleaved sub-group of separate signal pulse trains.

37049. Aktiebolaget Facit. Improvements in automatic multiplying machines.

Multiplier and multiplic and actuators are connected in parallel and settable simultaneously.

37062. R. S. Burnier and A. F. P. M. Danielou. Improvements in keyboards for musical instruments. (Addition to No. 33332).

All levers are hld in a single tray hinged to frame.

37066. Western Electric Company, Incorporated. A radar device. (27th May 1944).

Condenser of resistance-capacity timing circuit charged or discharged on sending of pulse to effect time sweep of cathode-ray across cathode-ray tube.

37073. Lever Brothers & Unilever Limited. Improvements in or relating to methods of packing congealing substances and bags therefor.

Substance poured in liquid or semi-liquid state into bag of impermeable thin foil having a flat base not joined to walls and opening of bag closed by external seam.

37183. Standard Telephones and Cables Limited. Improvements in or relating to the manufacture of electrically conducting foil coated with an insulating film. (6th April 1946).

Coating electrical conducting foil with insulating material in solution and vapourising the solution by heat produced by current induced in the foil by current in a H. F. induction coil.

37221. Westinghouse Brake & Signal Company Limited. Improvements relating to voltage regulating apparatus for alternating current circuits. (18th April 1946).

Permeability of magnetic circuit varied according to frequency variations by auxiliary magnetic saturation produced by unidirectional current.

37224. Toledo Scale Company. Improvements in meat tenderizing machines.

The meat tenderizing mechanism of the machine is made detachable.

37255. Thomas Guthrie Richmond, and Robert Maclaren & Company Limited. Improvements in and relating to snap action mechanism. (23rd April 1946).

Embodying resilient flexed anchored member functioning with snap action and also temperature sensitive means.

37366. Standard Telephones and Cables Limited. Improvements in or relating to electric fault alarm circuits. (21st May 1946).

Each device connected through corresponding rectifier to common test conductor. When potential from one falls outside predetermined limit all other rectifiers are blocked.

37375. J. A. Talalay. An improved method of obtaining cellular structures of rubber and the like. (16th December 1946).

Coagulating a foamed aqueous dispersion and thereupon passing a coagulant.

37415. Standard Telephones and Cables Limited. Full wave rectifier in a glass or other insulating container.

Insulating container provided with sealing metal cap and a insulating support.

37503. Western Electric Company, Incorporated. High frequency amplifier. (28th September 1946).

Electron stream is projected in an electric field associated with travelling high frequency waves, the field being propagated in the direction of the stream with a velocity same as stream velocity.

37508. Standard Telephones and Cables Limited. Thermionic vacuum tube oscillator.

Having resistance and capacitance as the frequency determining elements, including two valves with output circuits connected in parallel, non-resonant phase changing means connecting output and input circuits.

37546. W. T. Glover & Company Limited. Improvements in electric cables. (23rd July 1946).

Interstices between strip filled with insulating compound and interstices in the outer part filled with gas.

37582. Societe Pyral. Machines for the manufacture of phonographic discs. (25th February 1941).

Including devices for ensuring constant centering of the paper conveyor belt and means for facilitating the removal of the coated discs or blanks.

37679. J. B. Mendham and C. C. Mendham. Improvements relating to structural members, such as beams, columns and the like.

Comprises two or more elements including one or more of light angle or channel section having rows of both holes in flange and web, and also other apertures in web.

37752. Standard Telephones and Cables Limited. Antenna.

Consists of a hollow conducting shell surrounding a toroidal space, a radiating slot in the shell, coaxial feeder energising the slot, a short circuiting element bridging the slot.

- 37890.** W. T. Glover & Company Limited. Improvements in electric cables. (9th October 1946). (Addition to No. 37546).
Interstices between strips of flexible polystyrene filled with insulating compound which does not flow at temperature within working range.
- 37895.** Western Electric Company, Incorporated. Improvements in or relating to signalling systems. (23rd January 1947).
Carrier wave modulated by message wave into upper and lower sidebands, frequency of carrier wave intermittently changed; one side band transmitted with false carrier with message wave frequencies inverted.
- 37905.** N. B. Bhunvara and M. L. Khorana. New methods for the extraction of cinchona alkaloids.
Percolated with turpentine.
- 37908.** Shackles Proprietary Limited. Improvements in or relating to wool or like bale ties. (1st August 1946).
A flat tie plate having the end inclined upwardly opposite to which the bale band is attached.
- 37911.** Impregnated Diamond Products Limited. Improvements in or relating to grinding and/or polishing machines.
The rotatable lens holder is floatably mounted with respect to the machine body and grinding head and is biased by springs towards the grinding head.
- 37928.** The British Thomson-Houston Company Limited. Improvements relating to two-conductor signal transmission circuits. (26th August 1946).
Conductors have connected between them centre-tapped inductances at intervals which are fractions of frequency employed, the centre taps are earthed.
- 37974.** The General Electric Company Limited. Improvements in telephone instruments. (22nd August 1946).
A switching mechanism has two piston members project through metal-bushed holes in the casing.
- 37981.** International General Electric Company of New York, Limited. Improvements in or relating to fluorescent lamps.
One part of yellow fluorescing phosphor, two to three parts of fluorescent calcium phosphate activated by both cerium and manganese.
- 37991.** Standard Telephones and Cables Limited. Improvements in or relating to high frequency heating apparatus. (3rd October 1946).
A rigid electrode system and a hinged or flexible electrode system adapted to conform to the sectional contour of dielectric material distributed upon the rigid electrode system.
- 38022.** Standard Telephones and Cables Limited. Improvements in or relating to tubes and their manufacture. (30th August 1946).
A discontinuous envelope is heated by means of induced high frequency currents so that the envelope is united into a continuous envelope.
- 38027.** Standard Telephones and Cables Limited. Double current telegraph device.
Connecting a central office, provided with a signal source with an outstation not provided with a signal source.
- 38080.** Hoover Limited. Improvements relating to suction cleaners.
Suction cleaner having filter shaking mechanism arranged to be operated by a member located near the end of the cleaner remote from that through which dirt is emptied.
- 38111.** Hoover Limited. Improvements in or relating to suction cleaners.
Filter shaking means for suction cleaners including a handle connected to the filter to be moved by operator's hand in one direction against a spring action which then slip off it and fly back under the spring action.
- 38116.** W. E. O'Shei. Wind screen wiper blades. (6th January 1939).
Squeegee member made of a petrol and oil resistant flexible synthetic rubber like material.
- 38151.** The Mullard Radio Valve Company Limited. Improvements in frequency determining circuits. (1st February 1945).
Including a number of inductances and condensers together forming a resonant circuit having only one resonant frequency and which is tunable over a band of frequencies F_1 to F_2 .
- 38222.** J. H. Wiggins. Fluid storage apparatus.
Container having vertical side wall, vertically-movable piston, flexible sealing means between them and vertically shiftable fender.
- 38370.** Standard Telephones and Cables Limited. Improvements in carrier current multiplex telephone systems.
Final sideband corresponding to each channel is produced by two successive stages of modulation.
- 38498.** S. Einfeld. Improved cabinet for drying clothes or the like.
Tube-like racks detachably fitted to the slots of supporting brackets at spaced intervals, the bottom portion of cabinet being provided with air inlets and heating elements, and roof portion with longitudinal slots for hot draft passage.

38539. Herdev Padlock Factory & Metal Works. Improvements in or relating to locks.

Lock having a vertical locking member and a notch, and slidable engaging member having an opening.

38546. O. P. Varma and Bharat Starch & Chemicals Ltd. An apparatus for washing and/or extracting starch from dough or like.

Comprising a rotatable shaft mounted within a stationary of perforated casing and having set of beaters.

38705. Mono-Cam Limited. Improvements in or relating to fuel pumps and distributors for petrol-injection internal combustion engines. (18th December 1946).

Closed pumping chambers having collapsible bellows held in an expanded condition by resilient means.

38734. Metal Trim Limited and E. Penkala. Improvements in or relating to shearing and cutting-off apparatus. (7th February 1945).

Fixed and movable dies having normally coincident openings corresponding to the shape of the section to be sheared.

38739. Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camarques. Protective liner device for autoclaves.

The lining is prepared in advanced separately and then applied by gradual exertion of pressure.

38776. E. K. Cole Limited. Improvements in or relating to electric discharge lamps and circuits therefor.

Of the type comprising a pair of main electrodes thermionically activated and means for initiating discharge between them.

38791. Ashley Accessories Limited. Improvements in or relating to electrical connectors.

Casing housing connector contacts and at least two cable entry openings and removable means for closing at least one of said openings.

38826. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to electron tubes exhibiting a slight secondary anode-emission.

Anode of an electron tube provided on the side turned towards the cathode with wall arranged perpendicularly to the anode surface in the form of a honey-comb structure.

38851. Ford Motor Company of Canada, Limited. Convertible top construction for motor vehicles.

A spring which controls the top to be raised and lowered runs along one edge of the top.

38858. Lewis Berger & Sons Limited. Improvements in or relating to the manufacture of the phenol-aldehyde type of resins. (18th June 1941).

Reacting a formaldehyde reactive phenol with formaldehyde in an aqueous acid medium containing a wetting agent.

38887. L. Greenberg. Improved railway or other trackline wheel and method of making the same. (30th April 1946). (Addition to No. 35361). (Divided out of No. 35361).

Disc center provided with sprag holes having a metal bead surrounding the hole.

38889. W. D. Washbourne. Improvement relating to oil or liquid sealing devices.

Having primary rings with two subsidiary resilient rings or flanges interposed between the primary ring and the walls, etc.

38941. Ciba Limited. Manufacture of new amines.

Reacting hydrogenated fluoranthene with acrylic acid nitrile.

38963. H. Bentley. Improvements in and relating to liquid-fuel burning apparatus.

Liquid fuel is split up in the first stage, the split-up fuel thereafter atomized by steam or compressed air.

38981. Saint Freres. A Weft stop motion for circular looms.

Comprising a lamp, a photoelectric cell and means to light up the lamp to stop the loom.

38982. Saint Freres. A circular loom for the production of closely woven fabrics.

Arranging the shuttle guideway in such a manner that the wrap threads in the lower sheet, at their lowest position, intersect an angle of at least 90° with the central tube.

39016. May & Baker Limited. Improvements in or relating to the production of phenanthridine compounds.

By heating a 2-aminodiphenyl with a benzotrihalide.

39084. Ciba Limited. Manufacture of new imidazolines. (7th February 1947).

Reacting reactive ester of 2-oxalkyl-imidazoline with diphenylamino containing a nuclear hydroxyl group.

Opposition Proceedings

(1)

The opposition entered by Lenotype and Machinery Ltd., to the grant of a patent on application No. 31031 made by S. Mirza, as notified in Part II, Section I of the Gazette of India, dated the 16th February 1946, has been allowed in part. The sealing of a patent will be subject of the amendment of the specification.

(2)

An opposition has been entered by P. Kai-khusru to the grant of a patent on application No. 35106 made by G.S. Milner.

Printed Specifications Published

A limited number of printed copies of the undernoted specifications are available for sale from the Manager of Publications, Civil Lines, Delhi or on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at one rupee each :—

35303. 35440. 35518.

Patents sealed

33286. 34224. 35793. 36791. 36929. 37085.
37381. 37661.

Renewal Fees Paid

19978. 20037. 21139. 21806. 21965. 22202.
22335. 22513. 22964. 23095. 24161. 24176.
24197. 24998. 25182. 25188. 25212. 25252.
25361. 25492. 25503. 26511. 26554. 26562.
26637. 26638. 26696. 27257. 27440. 27613.
27623. 27683. 28002. 28003. 28004. 28005.
28109. 28164. 28175. 28233. 28241. 28253.
28259. 28260. 28262. 28264. 28265. 28266.
28267. 28858. 28867. 28922. 28955. 29400.
29657. 29781. 29781. 29782. 29802. 29828.
31054. 31219. 31246. 31250. 31417. 31672.
32213. 32931. 33094. 33286. 33523. 35793.
36018. 36441. 36860.

Extension of the term of patent

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911, for the extension of the term of patent No. 19395 for "Improvements in wire fencing" has been left at the Patent Office by

Mr. Satish Chandra Coondoo. The petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta.

Any person desirous of opposing the grant of an extension of the term of this patent, should within two months from the date of this notification lodge with the Controller of Patents and Designs at the above address, a notice on Form 6 of the Indian Patents and Designs Rules, 1933, and should at the same time serve a copy of such notice upon the petitioner C/o. Messrs. DePenning and DePenning, 10, Government Place, East, Calcutta.

Cessation of patents

[The entries under this heading should not be regarded as final in view of the Indian Patents and Designs (Extension of Time) Act, 1942.]

18622. 18625. 18652. 18657. 18664. 19532.
20452. 20491. 20515. 20526. 21494. 21508.
21529. 21543. 22433. 22507. 22509. 22515.
22521. 23551. 23558. 23566. 23568. 23580.
24782. 26045. 26074. 27096. 27100. 27101.
27110. 27112. 27827. 27839. 27841. 27847.
27849. 27852. 27855. 27856. 28532. 29263.
29267. 29268. 29271. 29272. 29280. 29281.
29282. 29822. 30361. 30362. 30363. 30371.
30387. 30388. 30392. 30399. 30400. 30401.
30403. 30405. 30406. 31721. 32358. 33271.
33365. 33366.

K. RAMA PAI,

Controller of Patents & Designs.

